

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
 Data File : BF127594.D
 Acq On : 30 Mar 2022 18:11
 Operator : CG\JU
 Sample : N2095-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-5.0-6.0

Quant Time: Mar 31 04:10:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

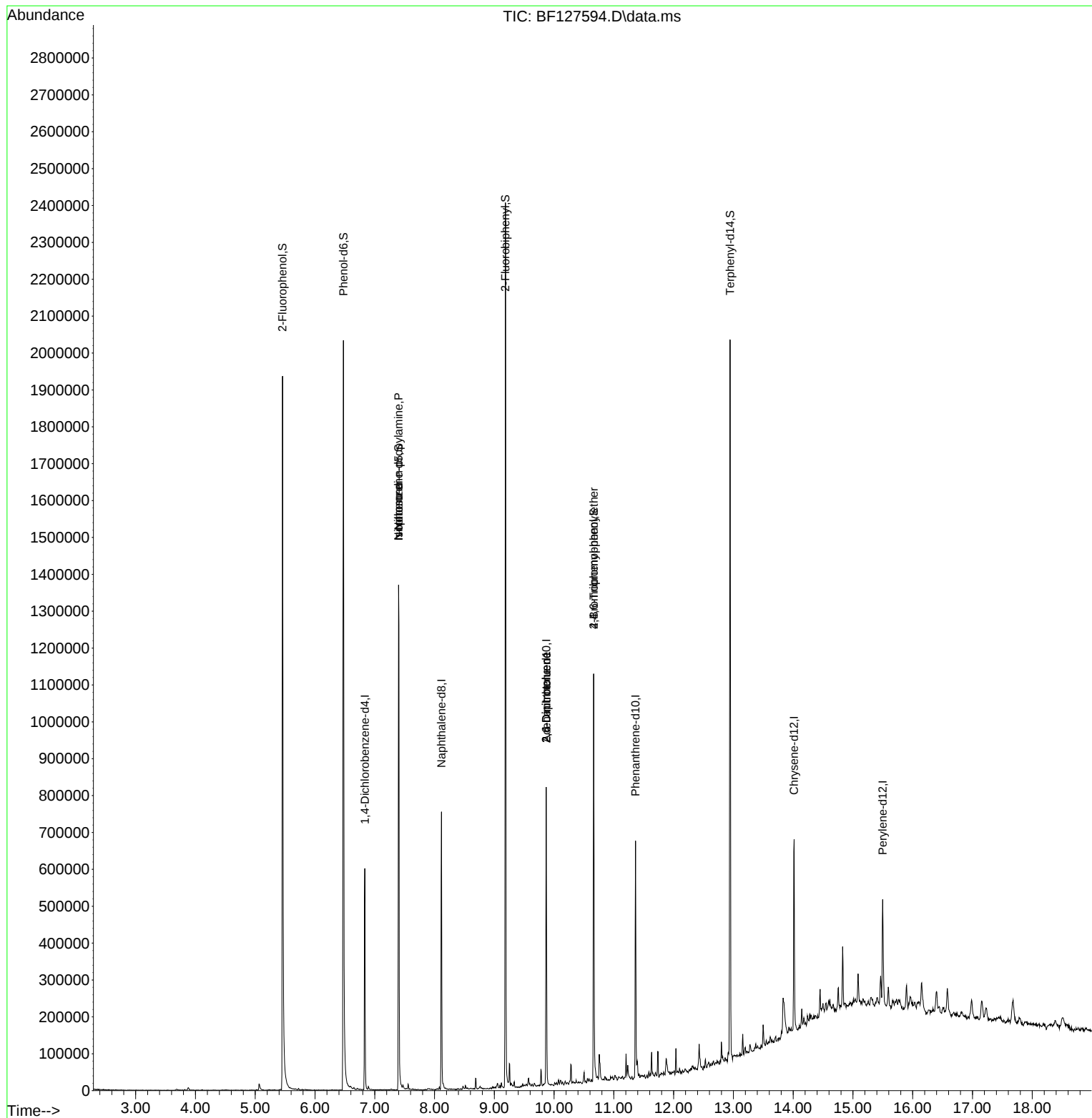
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	83228	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	292340	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	148573	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	220823	20.000	ng	0.00
76) Chrysene-d12	14.015	240	194699	20.000	ng	0.00
86) Perylene-d12	15.498	264	139997	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	500478	95.986	ng	0.00
7) Phenol-d6	6.475	99	658366	92.373	ng	0.00
23) Nitrobenzene-d5	7.398	82	436671	63.850	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	117437	74.201	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	700241	68.822	ng	0.00
79) Terphenyl-d14	12.945	244	628557	52.849	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	1049	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.398	70	57010	13.344	ng	# 82
25) Isophorone	7.398	82	436666	40.088	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	18715	8.626	ng	# 17
55) Dibenzofuran	10.086	168	332	Below Cal	#	69
57) 2,4-Dinitrotoluene	9.869	165	18715	6.701	ng	# 14
58) Fluorene	10.663	166	5401	Below Cal	#	89
67) 4-Bromophenyl-phenylether	10.663	248	8382	3.251	ng	# 1

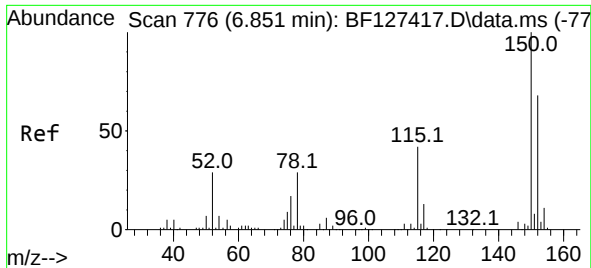
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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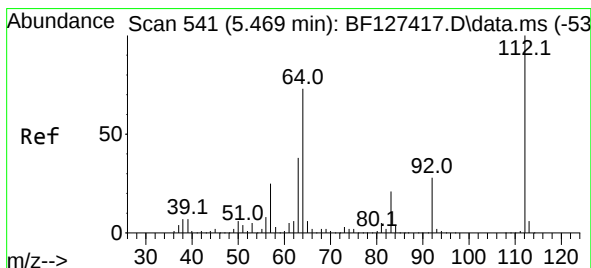
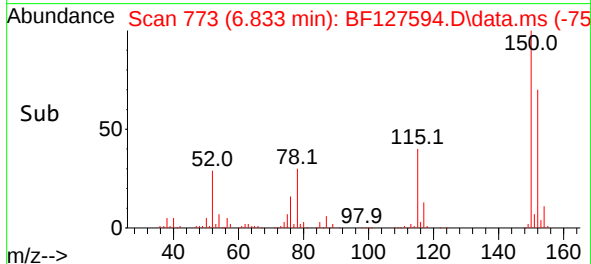
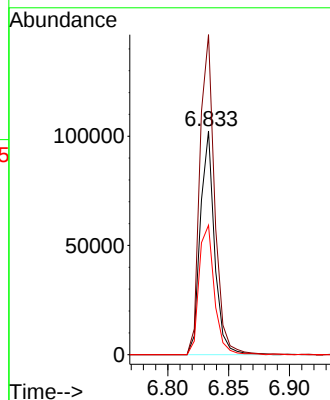
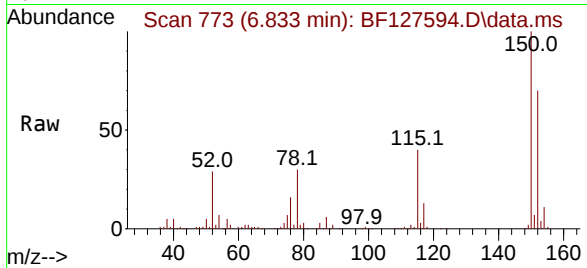




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127594.D
Acq: 30 Mar 2022 18:11

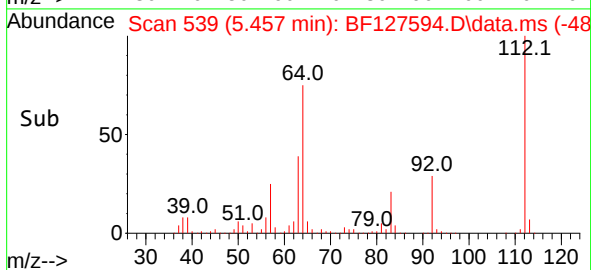
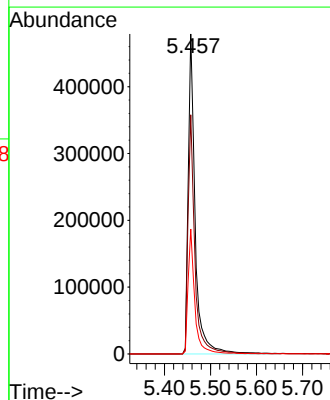
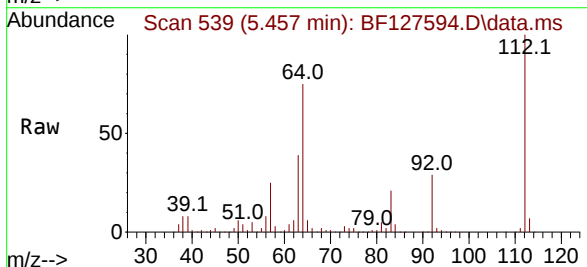
Instrument :
BNA_F
ClientSampleId :
SB-01-5.0-6.0

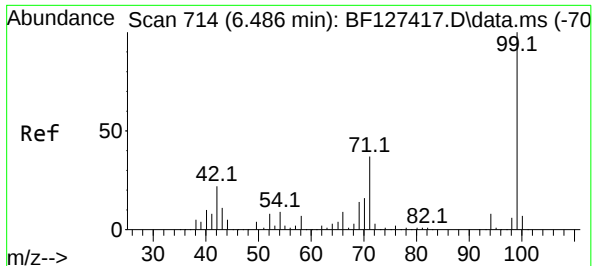
Tgt Ion:152 Resp: 83228
Ion Ratio Lower Upper
152 100
150 143.1 117.2 175.8
115 57.9 49.8 74.6



#5
2-Fluorophenol
Concen: 95.986 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.000 min
Lab File: BF127594.D
Acq: 30 Mar 2022 18:11

Tgt Ion:112 Resp: 500478
Ion Ratio Lower Upper
112 100
64 74.8 58.4 87.6
63 39.1 30.1 45.1





#7

Phenol-d6

Concen: 92.373 ng

RT: 6.475 min Scan# 712

Delta R.T. -0.006 min

Lab File: BF127594.D

Acq: 30 Mar 2022 18:11

Instrument :

BNA_F

ClientSampleId :

SB-01-5.0-6.0

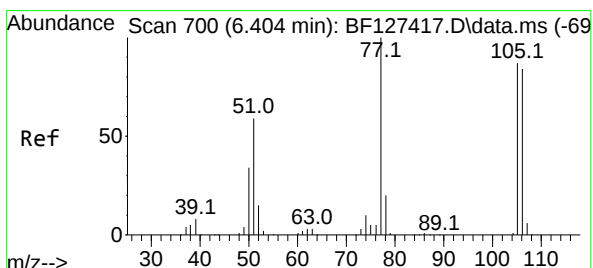
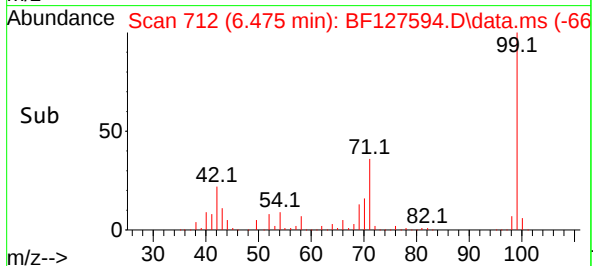
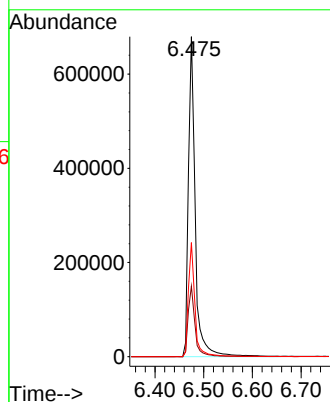
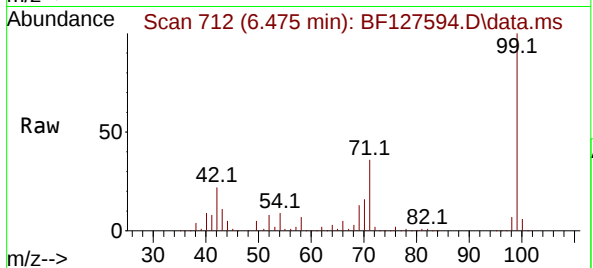
Tgt Ion: 99 Resp: 658366

Ion Ratio Lower Upper

99 100

42 22.0 17.8 26.6

71 35.6 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.475 min Scan# 712

Delta R.T. 0.082 min

Lab File: BF127594.D

Acq: 30 Mar 2022 18:11

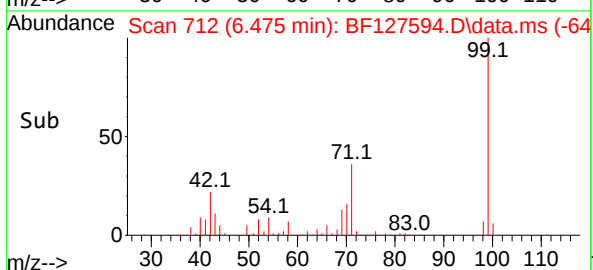
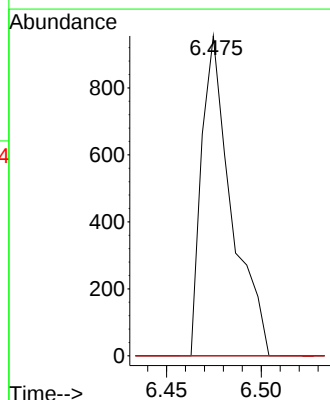
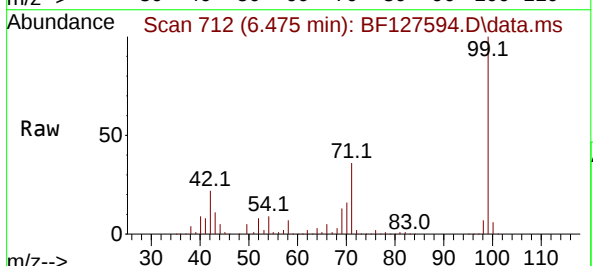
Tgt Ion: 77 Resp: 1049

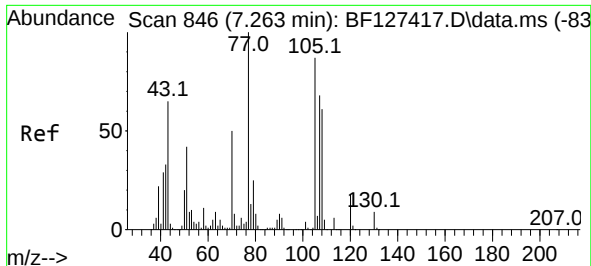
Ion Ratio Lower Upper

77 100

105 0.0 66.8 106.8#

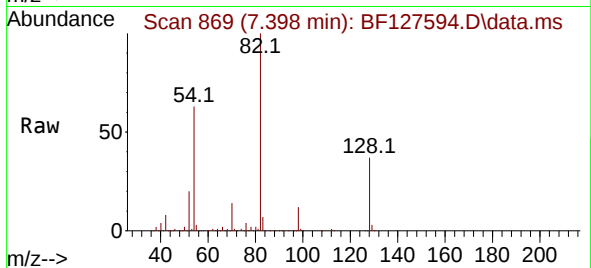
106 0.0 64.3 104.3#



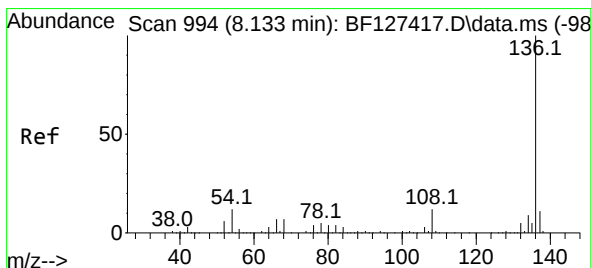
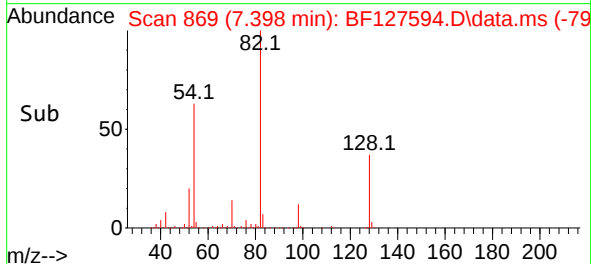
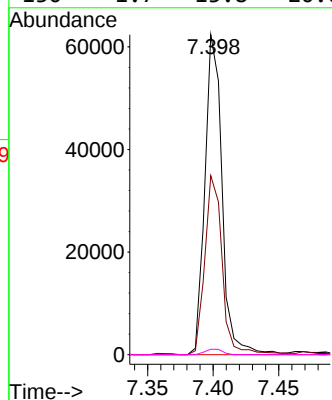


#19
n-Nitroso-di-n-propylamine
Concen: 13.344 ng
RT: 7.398 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF127594.D
Acq: 30 Mar 2022 18:11

Instrument :
BNA_F
ClientSampleId :
SB-01-5.0-6.0

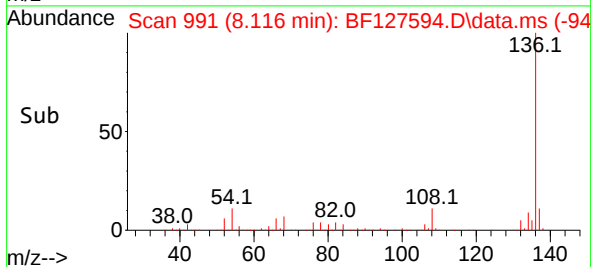
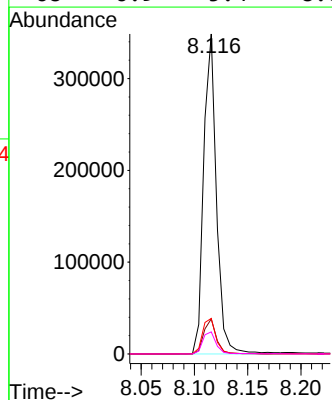
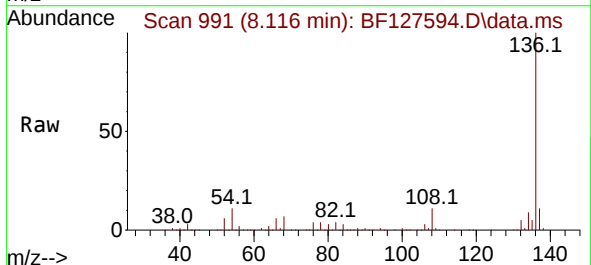


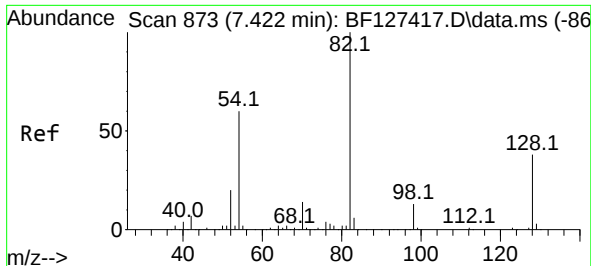
Tgt Ion: 70 Resp: 57010
Ion Ratio Lower Upper
70 100
42 55.9 53.0 79.6
101 0.0 6.8 10.2#
130 1.7 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127594.D
Acq: 30 Mar 2022 18:11

Tgt Ion:136 Resp: 292340
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.1 9.2 13.8
68 6.9 5.4 8.0

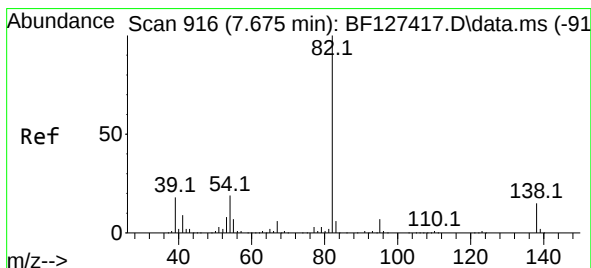
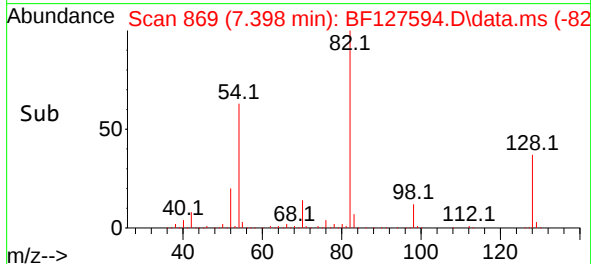
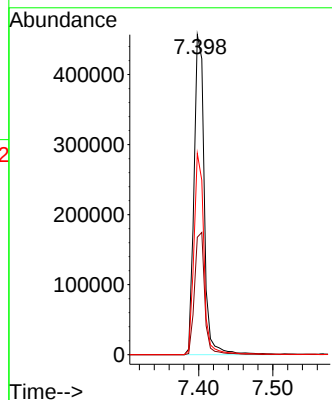
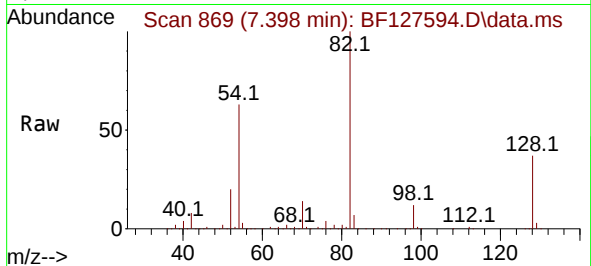




#23
Nitrobenzene-d5
Concen: 63.850 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF127594.D
Acq: 30 Mar 2022 18:11

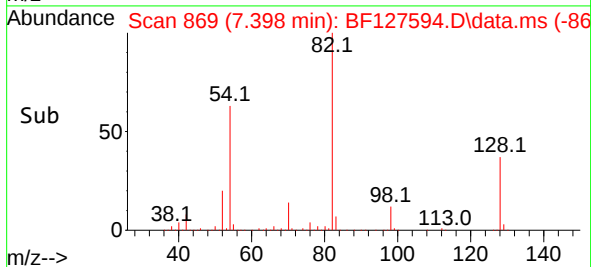
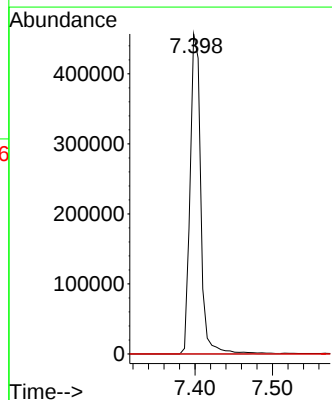
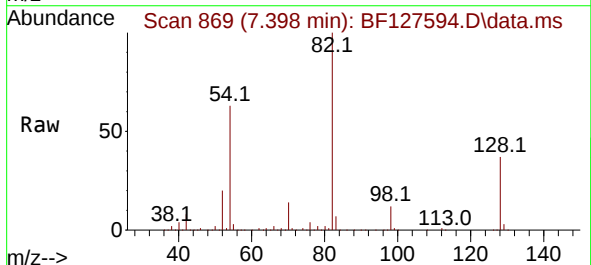
Instrument :
BNA_F
ClientSampleId :
SB-01-5.0-6.0

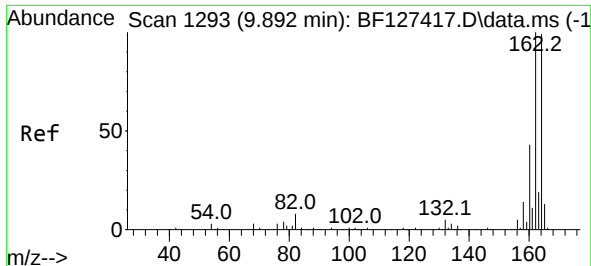
Tgt Ion: 82 Resp: 436671
Ion Ratio Lower Upper
82 100
128 36.7 30.6 45.8
54 62.9 48.2 72.2



#25
Isophorone
Concen: 40.088 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.265 min
Lab File: BF127594.D
Acq: 30 Mar 2022 18:11

Tgt Ion: 82 Resp: 436666
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF127594.D

Acq: 30 Mar 2022 18:11

Instrument :

BNA_F

ClientSampleId :

SB-01-5.0-6.0

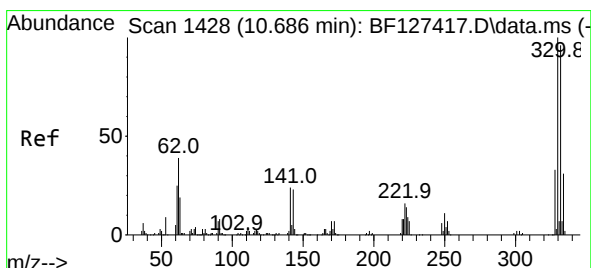
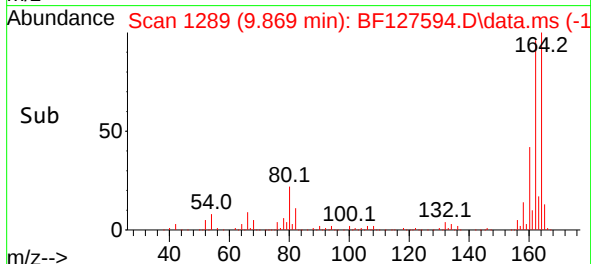
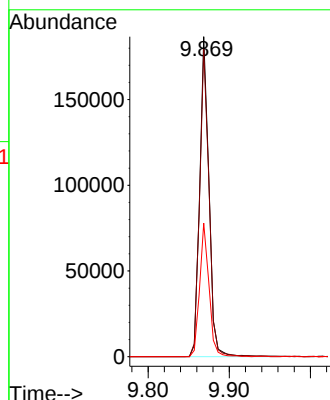
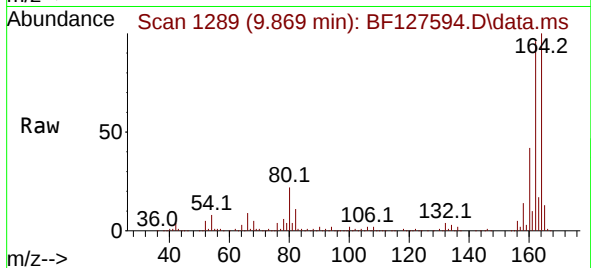
Tgt Ion:164 Resp: 148573

Ion Ratio Lower Upper

164 100

162 96.1 81.2 121.8

160 41.7 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 74.201 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF127594.D

Acq: 30 Mar 2022 18:11

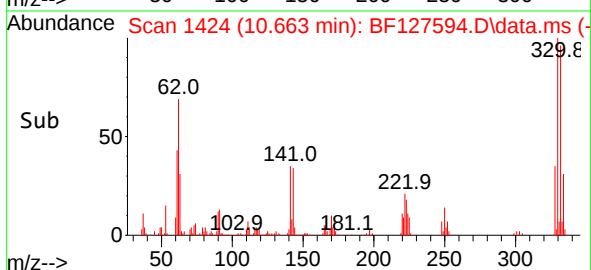
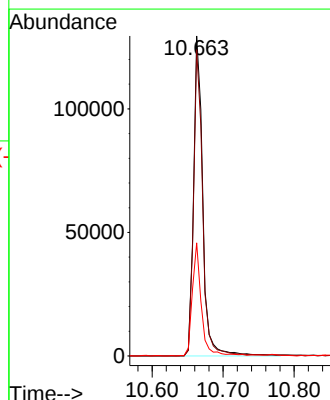
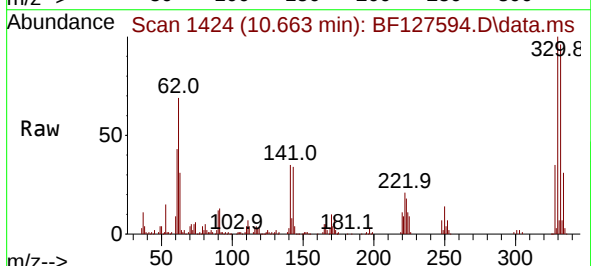
Tgt Ion:330 Resp: 117437

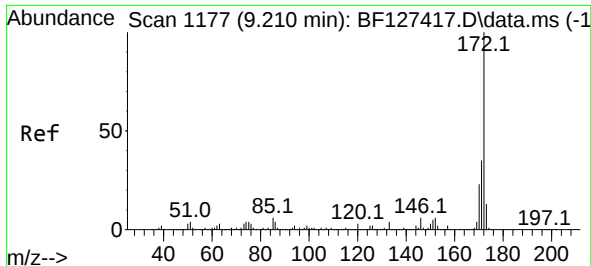
Ion Ratio Lower Upper

330 100

332 95.1 79.1 118.7

141 35.0 26.2 39.4

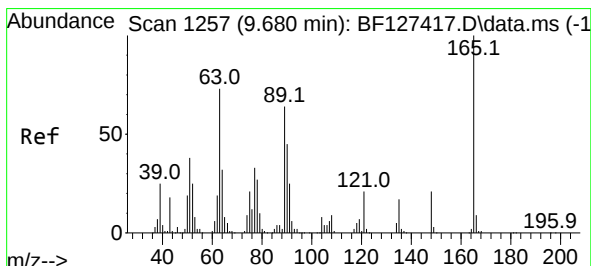
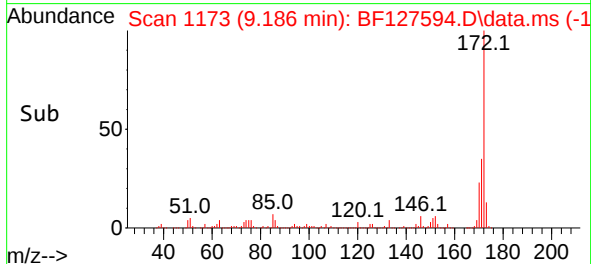
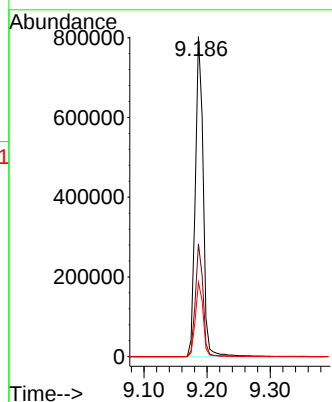
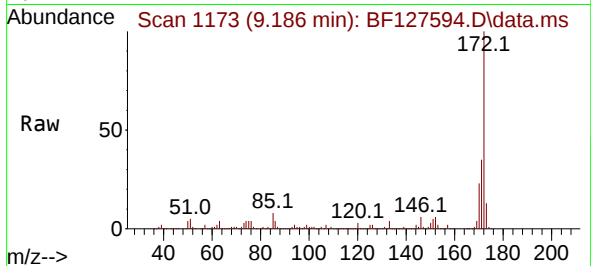




#45
2-Fluorobiphenyl
Concen: 68.822 ng
RT: 9.186 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF127594.D
Acq: 30 Mar 2022 18:11

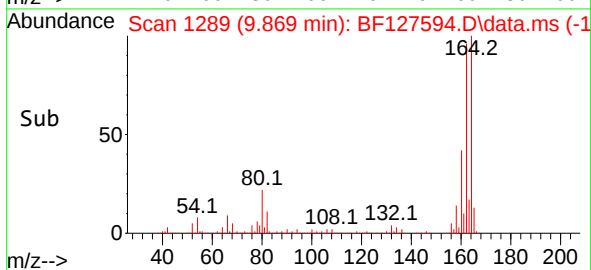
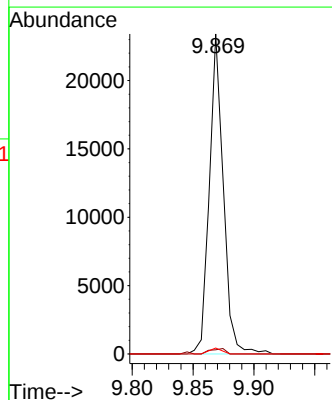
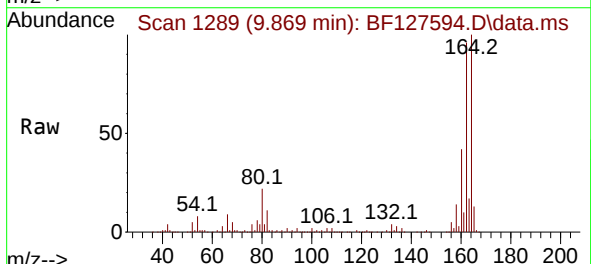
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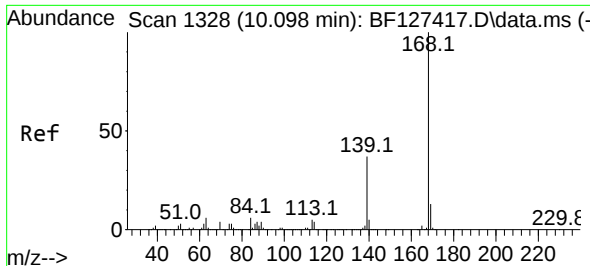
Tgt Ion:172 Resp: 700241
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.626 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127594.D
Acq: 30 Mar 2022 18:11

Tgt Ion:165 Resp: 18715
Ion Ratio Lower Upper
165 100
63 1.3 58.3 87.5#
89 1.8 51.5 77.3#

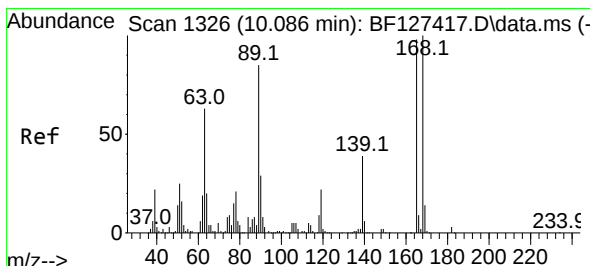
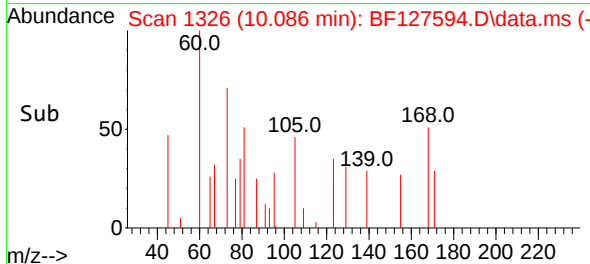
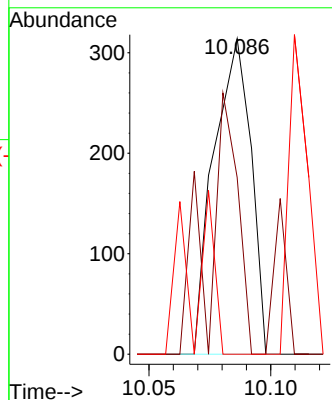
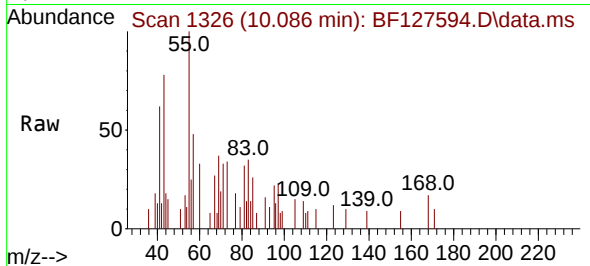




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127594.D
Acq: 30 Mar 2022 18:11

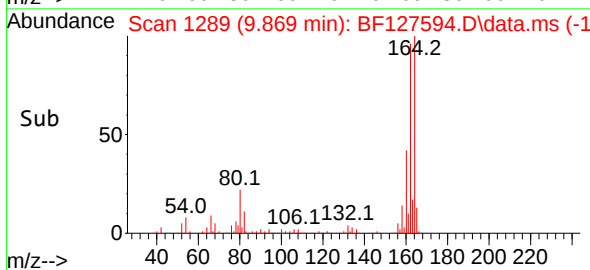
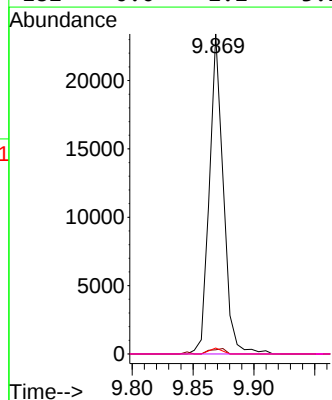
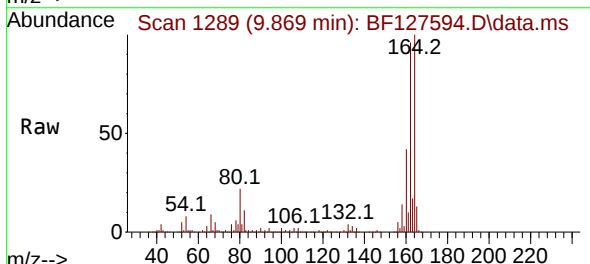
Instrument :
BNA_F
ClientSampleId :
SB-01-5.0-6.0

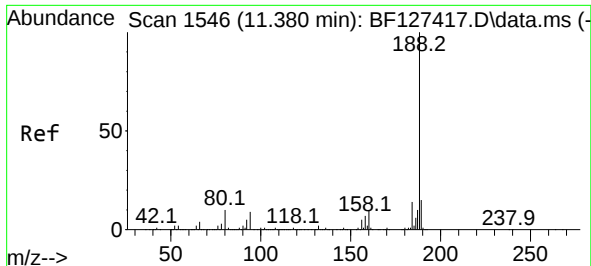
Tgt Ion:168 Resp: 332
Ion Ratio Lower Upper
168 100
139 56.1 30.3 45.5#
169 0.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.701 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF127594.D
Acq: 30 Mar 2022 18:11

Tgt Ion:165 Resp: 18715
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 1.8 69.2 103.8#
182 0.0 2.2 3.2#

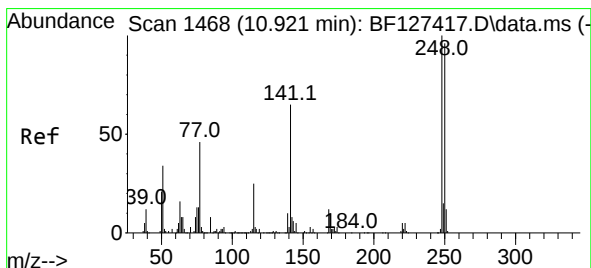
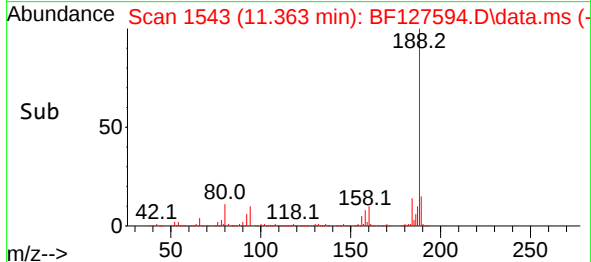
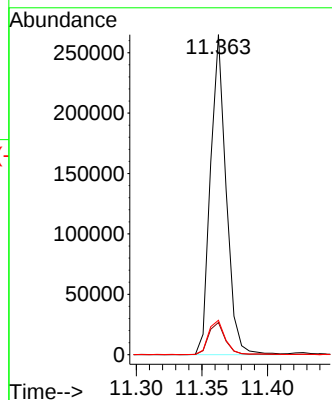
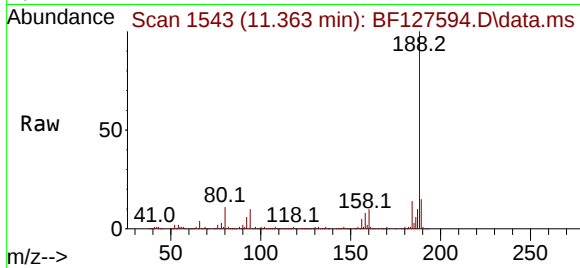




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127594.D
Acq: 30 Mar 2022 18:11

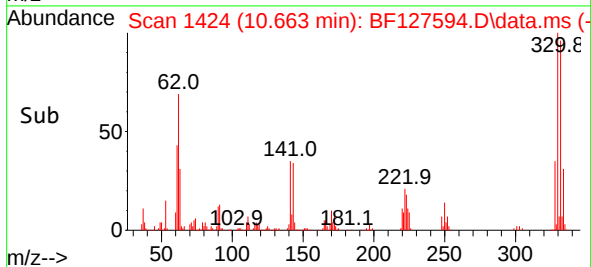
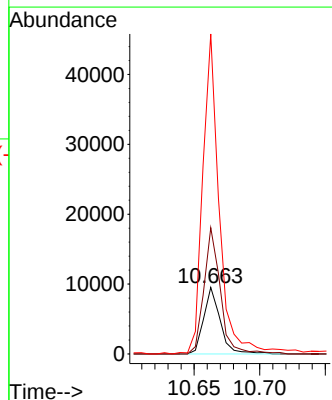
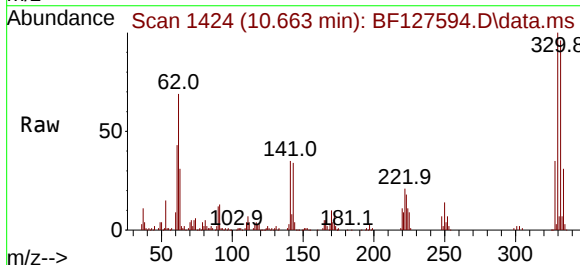
Instrument :
BNA_F
ClientSampleId :
SB-01-5.0-6.0

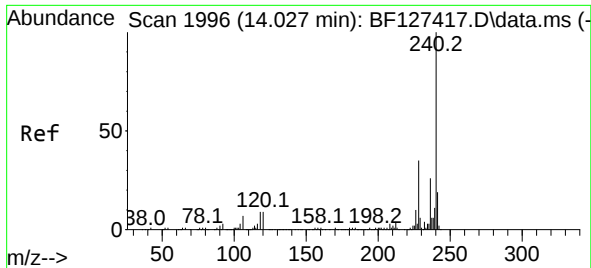
Tgt Ion:188 Resp: 220823
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.0
80 10.8 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 3.251 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.241 min
Lab File: BF127594.D
Acq: 30 Mar 2022 18:11

Tgt Ion:248 Resp: 8382
Ion Ratio Lower Upper
248 100
250 189.9 76.6 115.0#
141 481.3 52.2 78.2#

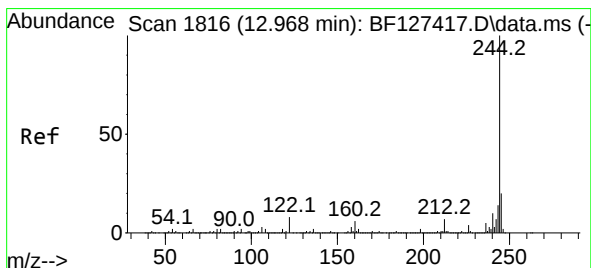
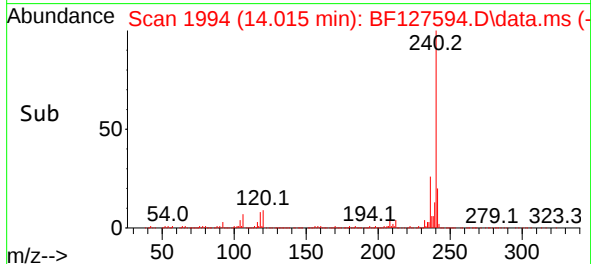
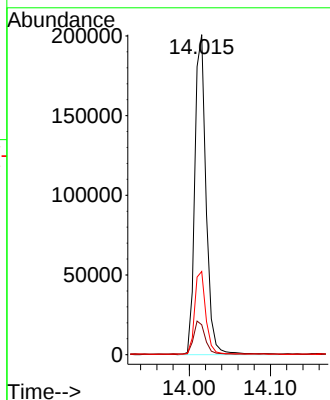
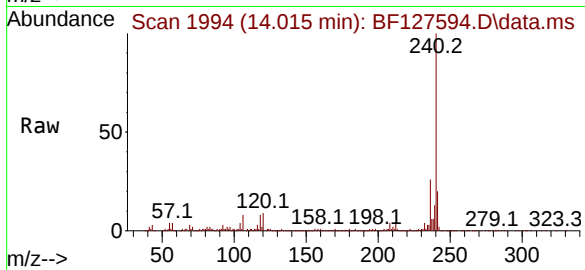




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127594.D
Acq: 30 Mar 2022 18:11

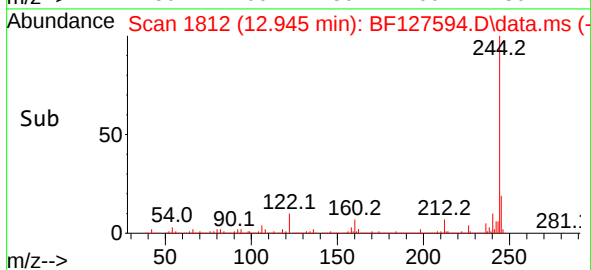
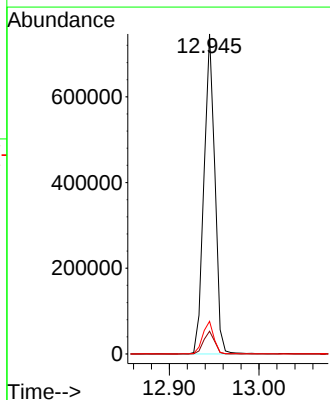
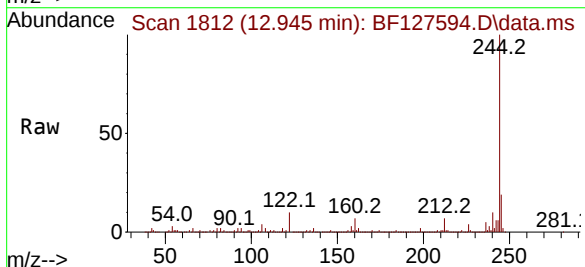
Instrument :
BNA_F
ClientSampleId :
SB-01-5.0-6.0

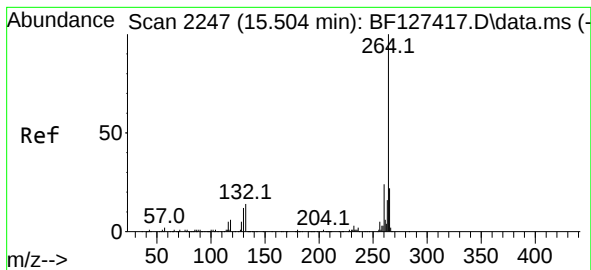
Tgt Ion:240 Resp: 194699
Ion Ratio Lower Upper
240 100
120 9.4 7.1 10.7
236 26.0 20.7 31.1



#79
Terphenyl-d14
Concen: 52.849 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF127594.D
Acq: 30 Mar 2022 18:11

Tgt Ion:244 Resp: 628557
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.2 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127594.D
Acq: 30 Mar 2022 18:11

Instrument :
BNA_F
ClientSampleId :
SB-01-5.0-6.0

Tgt Ion:264 Resp: 139997

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.1	17.4	26.2

